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ION EXCHANGING POLYMER

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(71) Applicant(s)
WILLIAM HAROLD JAY

(72) Inventor(s)
WILLIAM HAROLD JAY

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(57) Claim

1. The use of a suitably modified polyurethane foam as the continuous phase and containing suitable ion exchange materials as the dispersed phase to produce an electrochemical ion exchange cell capable of recovering anions and cations from aqueous solution, then by reversing the polarity of the electrodes within the cell the ions so collected by the electrochemical cell may be eluted for disposal or recovery of these ions.

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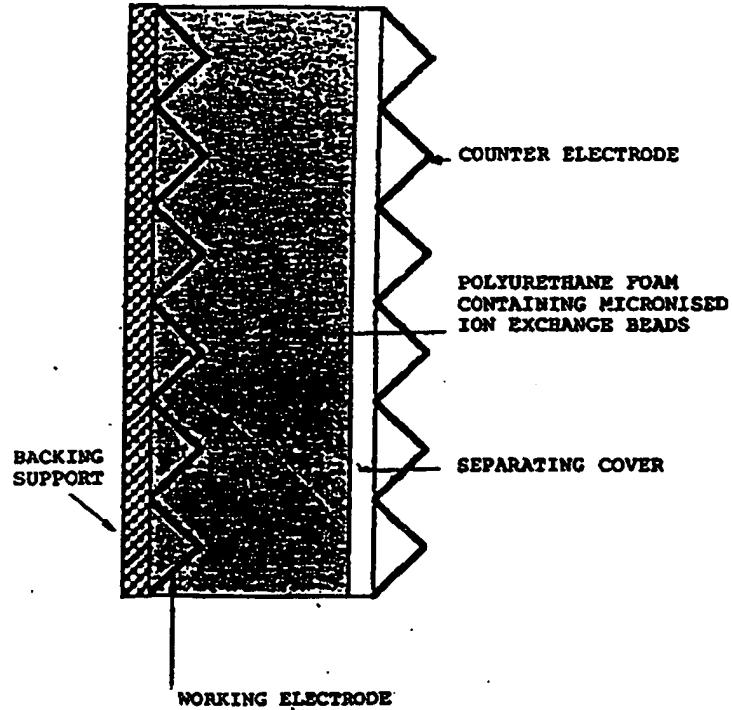


Fig. 1. CROSS SECTION OF A TYPICAL EIX ELECTRODE